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PATENT COOPERATION TREAT



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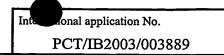
INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

	, <u> </u>		
Applicant's or agent's file reference NAGACO.001VP	FOR FURTHER AC	TION	See Form PCT/IPEA/416
International application No.	International filing date	e (day/month/year)	Priority date (day/month/year)
PCT/IB2003/003889	22 July 2003 ((22.07.2003)	24 July 2002 (24.07.2002)
International Patent Classification (IPC) or n A23G 3/30	ational classification and	1 IPC	<u></u>
Applicant	NAGAOKA	CO., LTD.	
This report is the international prelin Authority under Article 35 and trans	ninary examination repo mitted to the applicant a	rt, established by this ccording to Article 36	International Preliminary Examining 6.
2. This REPORT consists of a total of		including this cover s	heet.
3. This report is also accompanied by A			
a (sent to the applicant and	to the International Bur	eau) a total of	sheets, as follows:
sheets of the desc and/or sheets con Administrative In	taining rectifications auti	awings which have be horized by this Autho	een amended and are the basis of this report ority (see Rule 70.16 and Section 607 of the
sheets which super beyond the disclosuplemental Box	sure in the international	which this Authority application as filed,	or considers contain an amendment that goes as indicated in item 4 of Box No. I and the
b. (sent to the Internation	nal Bureau only) a to , contain dicated in the Supplement	ing a sequence listin	pe and number of electronic carrier(s)) g and/or tables related thereto, in computer o Sequence Listing (see Section 802 of the
4. This report contains indications rela	ting to the following iten	ns:	
Box No. I Basis of the re	port		
Box No. II Priority		•	
Box No. III Non-establish	ment of opinion with reg	ard to novelty, invent	tive step and industrial applicability
Box No. IV Lack of unity	of invention		
Box No. V Reasoned state citations and e	ement under Article 35(2 xplanations supporting s) with regard to nove uch statement	lty, inventive step or industrial applicability;
Box No. VI Certain docum			
Box No. VII Certain defect	s in the international app	lication	
Box No. VIII Certain observ	rations on the internation	al application	
Date of submission of the demand		Date of completion o	of this report
18 February 2004 (18.02.2004)		01 De	cember 2004 (01.12.2004)
Name and mailing address of the IPEA/JP		Authorized officer	
Facsimile No.		Telephone No.	

Translation





Box No.	. I	Basis of the report	
1. With other	regard rwise i	rd to the language, this report is based on the international application in the language in which it was filed, unless indicated under this item.	
	This whice	is report is based on translations from the original language into the following languageich is language of a translation furnished for the purpose of:	·
		international search (under Rules 12.3 and 23.1(b))	
		publication of the international application (under Rule 12.4)	
		international preliminary examination (under Rules 55.2 and/or 55.3)	
2. With	regar	rd to the elements of the international application, this report is based on (replacement sheets which have	been
jurnis	snea to	to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally for the annexed to this report):	ìled"
\boxtimes		international application as originally filed/furnished	
		description:	
	pages		miched
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	pages'	received by this Authority on	
	a sequ	quence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.	
2	The a	amendments have resulted in the cancellation of:	
اـــا ٠٠			
		the description, pages	
	\equiv	the claims, Nos.	•
	_	the drawings, sheets/figs	
		the sequence listing (specify):	
	Ш	any table(s) related to sequence listing (specify):	
			I
	made,	report has been established as if (some of) the amendments annexed to this report and listed below had not been, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Bote 70.2(c)).	n X
		the description, pages	
		the claims, Nos.	}
		the drawings, sheets/figs	
		the sequence listing (specify):	
		any table(s) related to sequence listing (specify):	
* If item	! 4 app	plies, some or all of those sheets may be marked "superseded."	

V.	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;
	citations and explanations supporting such statement

. Statement			
Novelty (N)	Claims	1-15	YES
	Claims		NO
Inventive step (IS)	Claims		YES
	Claims	1-15	NO
Industrial applicability (IA)	Claims	1-15	YES
	Claims		NO

Citations and explanations

- Document 1: WO 95/09601 A1 (The Procter & Gamble Co.), 13 April 1995, claim 5; page 6, lines 13 and 24-26; page 7, lines 2-5
- EP 711506 A2 (Rijksuniversiteit te Document 2: Groningen) 15 May 1996, claims 1-13
- Document 3: WO 96/20609 A1 (Warner-Lambert Co.), 11 July 1996, claim 17; page 6, line 32; page 6, line 37 to page 7, line 2; page 9, lines 29-33
- WO 96/11582 A1 (Warner-Lambert Co.), 25 Document 4: April 1996, page 9, line 30; page 10, lines 2-6
- WO 94/14424 A1 (Whitehill Oral Technologies, Document 5: Inc.), 07 July 1994, page 32, lines 9-20
- EP 66864 A2 (Nabisco Brands Inc.), 15 Document 6: December 1982, claim 10
- JP 6-141792 A (Warner-Lambert Co.), 24 May Document 7: 1994, column 11, lines 40-45

The inventions that are set forth in claims 1-15 do not involve an inventive step in the light of documents 1-7. The components that can be used in the inventions that are set forth in claims 1-15 are all well known as components in a base composition for chewing gum, as

disclosed in documents 1-7. Furthermore, it would be easy for a person skilled in the art to configure the ranges for the contents of the components in the light of the disclosures of documents 1-7.